

TEXT-BASED GENERIC SCRIPT PROCESSING FOR DYNAMIC CONFIGURATION OF DISTRIBUTED SYSTEMS

Abstract of Disclosure

The present technique provides a system and method for dynamic configuration of medical diagnostic systems using distributable multi-component configuration files having extractable component-specific configuration data. The component-specific configuration data is extractable and processable at each component receiving a broadcast of the distributable multi-component configuration file. If a configuration change is desired in the system or in a particular component, then the change is made via the distributable multi-component configuration file. For example, the foregoing distribution and extraction techniques may be performed during operation of the distributed medical diagnostic system in response to a global or application change, such as different medical diagnostic applications. Accordingly, the present technique provides a flexible and architecture-independent mechanism for configuring components of a distributed medical diagnostic system.

Figures

Figure 1: A line graph showing the relationship between the number of figures and the number of pages. The x-axis represents the number of figures (0 to 10) and the y-axis represents the number of pages (0 to 10). The data points are (0, 0), (1, 1), (2, 2), (3, 3), (4, 4), (5, 5), (6, 6), (7, 7), (8, 8), (9, 9), and (10, 10). The graph shows a direct linear relationship where the number of pages increases by one for every additional figure.